

10/599,899

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11 SSS SAM
SAMPLE SEARCH INITIATED 17:45:24 FILE 'CASREACT'
SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s 11 SSS full
THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 122.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:45:54 FILE 'CASREACT'
SCREENING COMPLETE - 88 REACTIONS TO VERIFY FROM 11 DOCUMENTS

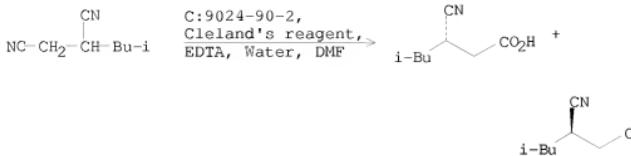
100.0% DONE 88 VERIFIED 7 HIT RXNS 2 DOCS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1 (7 REACTIONS)

=> d 1-2
THE ESTIMATED COST FOR THIS REQUEST IS 6.12 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L3 ANSWER 1 OF 2 CASREACT COPYRIGHT 2009 ACS on STN

RX(1) OF 1



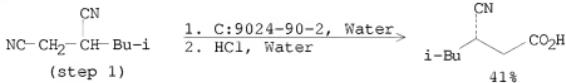
REF: Journal of Molecular Catalysis B: Enzymatic, 41(3-4), 75-80;
2006

NOTE: stereoselective, regioselective, key intermediate,
biotransformation, enzymic resolution, E = >150, phosphate
buffered solution used, screening of nitrilases, Escherichia
coli cell lysate expressing mutant C236S nitrilase (AtNit1) from
Arabidopsis thaliana used

CON: 2 hours, room temperature, pH 7.5

L3 ANSWER 2 OF 2 CASREACT COPYRIGHT 2009 ACS on STN

RX(2) OF 21



REF: PCT Int. Appl., 2005100580, 27 Oct 2005

NOTE: biotransformation, enzymic, stereoselective, NIT-102 used,
alternative enzymes and reaction conditions gave similar or
lower yields, buffered soln.

CON: STAGE(1) 12.5 hours, 30 deg C, pH 7.5
STAGE(2) pH 2.5

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